CUSTOMER CARE

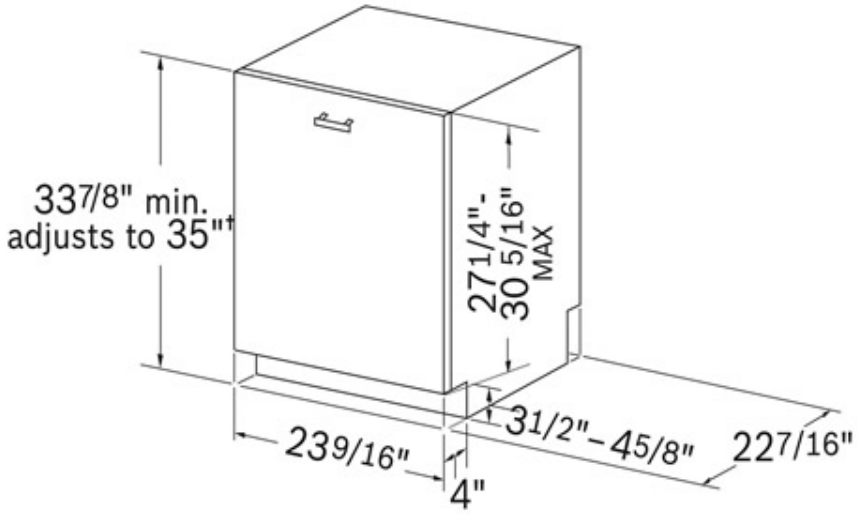
Installation Instructions for Bosch Integra 300 Series Dishwashers

- SHX33A0xUC

Here you can download a printable version of the Installation Instructions for your product. Adobe Acrobat is required to view this file. Click here to download Adobe Acrobat.

Download Installation Instructions

SHX/SHV Dimensions: Dimensions for planning only. For details see installation manual. Specifications subject to change without notice.



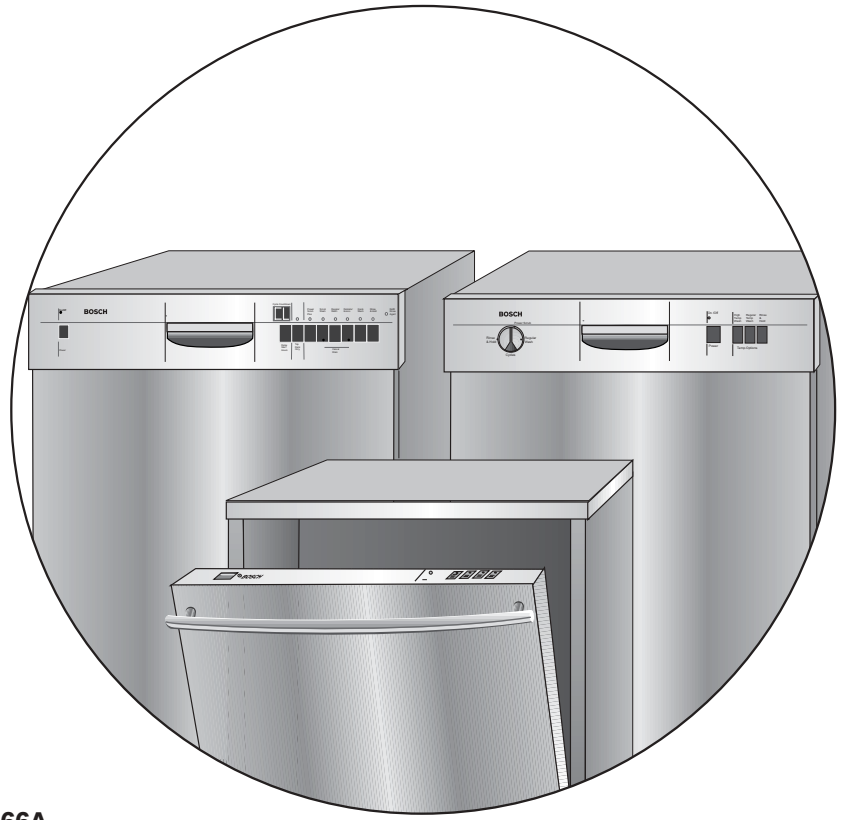
† Maximum height of 36" possible with toe-kick from cabinet supplier.

DISHWASHER
Installation
Instructions

BOSCH

LAVE-VAISSELLE
Instructions
d'installation

LAVADORA DE PLATOS
Instrucciones
de instalación



SHI66A,
SHU33A, SHU43C, SHU53A, SHU66C,
SHU43E, SHU53E, SHU66E,
SHV46C, SHV66A, SHV99A
SHX33A, SHX46A, SHX46B,
SHX56B, SHX99B
SHY56A, SHY66C, SHY99A

BOSCH

Table of Contents

IMPORTANT INSTRUCTIONS 2
Tools Needed 4
Materials Needed 5
Materials Supplied 6
Enclosure Preparation 8
Electrical Preparation 10
Plumbing Preparation 12
Dishwasher Preparation 14
Door Panel Installation 18
Placing the Dishwasher 20
Securing the Dishwasher 20
Drain Hose Connection 22
Hot Water Connection 24
Electrical Connection 26
Door Tension Adjustment 28
Base and Toe Panel 28
Final Instructions 30
Customer Service 30

English

BOSCH

Table des Matières

INSTRUCTIONS IMPORTANTES .. 2
Outils nécessaires 4
Matériaux nécessaires 5
Matériaux fournis 7
Mise en oeuvre 9
Préparation électrique 11
Préparation de la plomberie 13
Préparation du lave-vaisselle 15
Installation panneau de porte 19
Emplacement 21
Fixation du lave-vaisselle 21
Connexion du tuyau de vidange 23
Connexion eau chaude 25
Connexion électrique 27
Réglage tension de la porte 29
Base et Panneau inférieur 29
Instructions finales 31
Service à la clientèle 31

Français

BOSCH

Tabla de Materias

INSTRUCCIONES IMPORTANTES 2
Herramienta Necesaria 4
Materiales Necesarios 5
Materiales Provistos 7
Preparación del Gabinete 9
Preparación - Sistema Eléctrico 11
Preparación - Plomería 13
Preparación de la Lavadora 15
Instalación -Panel de la Puerta 19
Como Situar la Lavadora 21
Como Afirmar la Lavadora 21
Conexión - Manguera de Desagüe ... 23
Conexión de Agua Caliente 25
Conexión Eléctrica 27
Ajustar la Tensión de la Puerta 29
Base y Panel de Pie 29
Instrucciones Finales 31
Servicio al Cliente 31

Español

English

VERY IMPORTANT INSTRUCTIONS - TO BE READ

WARNING - OBSERVE ALL WARNINGS AND CAUTIONS

These instructions are intended for use by qualified installers only.
In addition to these instructions, the dishwasher shall be installed:

- In accordance with all local codes or, in the absence of a local code,
- In the United States, with the National Electric Code.
- In Canada, with the Canadian Electric Code C22.1 -latest edition/Provincial and Municipal codes and/or local codes.

Read these installation instructions completely and follow them carefully. They will save you time and effort and help to ensure safety and optimum dishwasher performance.

CAUTION: If the dishwasher is installed in a location that experiences freezing temperatures (e.g., in a holiday home), you must drain all the water from the dishwasher's interior. Turn off the water supply, disconnect the drain hose, and allow your dishwasher to completely drain into an appropriate receptacle. Water system ruptures that occur as a result of freezing are not covered by warranty.

Français

INSTRUCTIONS IMPORTANTES À LIRE

AVERTISSEMENT- OBSERVER ET LIRE TOUS LES AVERTISSEMENT

Ces instructions sont destinées à un installateur qualifié seulement.
En plus de ces instructions, le lave-vaisselle doit être installé :

- Conformément à tous les codes locaux, ou en l'absence de ceux-ci,
- aux États-Unis, avec le code national de l'électricité.
- au Canada, ave le code C22.1, dernière édition du code canadien d'électricité/codes provinciaux et municipaux et/ou les codes locaux.

Lire entièrement ces instructions d'installation et les observer. Elles permettront d'économiser temps et argent et assureront un rendement sécuritaire et optimal du lave-vaisselle.

ATTENTION : Si le lave-vaisselle est installé dans un endroit où il peut y avoir du gel (ex. : dans un chalet), il faut vidanger l'eau de l'intérieur de l'appareil. Fermer l'alimentation en eau, débrancher le tuyau de vidange et laisser l'appareil se vider complètement dans un récipient. Les ruptures de système d'eau résultant du gel ne sont pas couvertes par la garantie.

Español

INSTRUCCIONES MUY IMPORTANTES - POR FAVOR LÉALAS

CUIDADO - CUMPLA CON TODOS LOS AVISOS Y ADVERTENCIAS

El fin de estas instrucciones es el de guiar únicamente al instalador capacitado.
Además de cumplir con estas instrucciones, instale la lavadora:

- Conforme a todos los códigos municipales o en caso de que éstos no existan...
- En Estados Unidos, conforme al Código Eléctrico Nacional [*National Electric Code*].
- En Canadá, conforme al Código Eléctrico Canadiense C-22.1-última versión, y los códigos Provinciales y Municipales o locales.

Lea completamente estas instrucciones de instalación y cumpla con ellas cuidadosamente. Guiándose por ellas, usted ahorrará tiempo y empeño, reducirá los riesgos y asegurará un desempeño óptimo de su lavadora de platos.

CUIDADO: Si instala la lavadora en un sitio donde corre riesgo de congelación (tal como en una casa campestre vacacional), usted debe evacuar toda el agua del interior de la lavadora. Cierre la alimentación de agua, desconecte la manguera de desagüe y permita que la lavadora se vacíe completamente en un recipiente adecuado. La garantía no protege contra las rupturas del sistema de agua causadas por la congelación.

IMPORTANT

• The dishwasher drain hose must be installed with a portion of it at least 20" (508mm) off the cabinet floor; otherwise the dishwasher may not drain properly.
• Bosch dishwashers are intended for residential use only, and should not be used in commercial food service establishments.
• NEW INSTALLATION - If the dishwasher is a new installation, most of the work must be done before the dishwasher is moved into place.
• REPLACEMENT - If the dishwasher is replacing another dishwasher, check the existing dishwasher connections for compatibility with the new dishwasher, and replace parts as necessary.

Inspect the Dishwasher

After unpacking the dishwasher and prior to installation, thoroughly inspect the dishwasher for possible freight or cosmetic damage. Report any damage immediately. Cosmetic defects must be reported within 5 days of installation.
NOTE: Do not discard any bags or items that come with the original package until after the entire installation has been completed.

English

IMPORTANT

• Le tuyau de vidange du lave-vaisselle doit être installé avec une portion à au moins 20 po (508 mm) au-dessus du plancher de l'armoire, autrement l'appareil peut ne pas se vidanger adéquatement.
• Les lave-vaisselle Bosch sont destinés à un usage résidentiel seulement, et ne doivent pas être utilisés de façon commerciale.
• NOUVELLE INSTALLATION - Si le lave-vaisselle est une nouvelle installation, la plupart du travail doit être effectué avant l'installation de l'appareil.
• REMPLACEMENT - Si le lave-vaisselle en remplace un autre, vérifier les connexions existantes relativement à la compatibilité et remplacer toutes pièces nécessaires.

Vérification du lave-vaisselle

Après avoir déballé le lave-vaisselle et avant l'installation, vérifier entièrement l'appareil afin de voir s'il présente des dommages esthétiques ou autres. Rapporter tout dommage immédiatement. Les défauts esthétiques doivent être rapportés dans un délai de 5 jours suivant l'installation.
REMARQUE : Ne pas jeter les sacs ou les pièces fournis avec l'emballage d'origine tant que l'installation n'est pas complétée.

Français

IMPORTANTE

• La manguera de desagüe debe instalarse con una sección por lo menos a una distancia de 20" (51 cm) del piso del gabinete, de lo contrario la lavadora podría fallar en evacuar el agua adecuadamente.
• El uso intencionado para las lavadoras de platos Bosch es en el ambiente residencial y no para usarse en los establecimientos comerciales de servicios alimenticios.
• INSTALACIÓN NUEVA - si se instala una lavadora en el sitio por primera vez, la mayoría del trabajo se realiza antes de acomodar la lavadora en su sitio.
• REEMPLAZO - Si esta lavadora reemplaza otra instalada anteriormente, inspeccione las conexiones presentes para averiguar si se prestan para la nueva y cambie piezas como lo sea necesario.

Inspeccionar la Lavadora de Platos

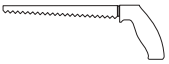
Después de desempacar la lavadora y antes de instalarla, inspeccione minuciosamente la lavadora para averiguar de daños cosméticos y los que suceden durante el envío. Infórmenos inmediatamente de cualquier daño. Los daños cosméticos deben reportarse dentro de 5 días de la instalación.
NOTA: No bote ninguna bolsa o artículos de embalaje hasta que termine con la instalación.

Español

English

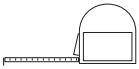
TOOLS NEEDED

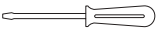
Hammer

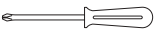

Hole Saw

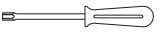
Pipe Wrench

Adjustable Wrench


Tape Measure

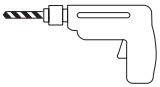

Slot Screwdriver


Phillips Screwdriver


Torx Screwdriver

Wire Cutter

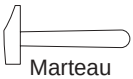
Wire Stripper

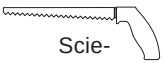

Drill

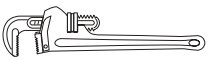
Level

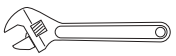
Français

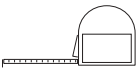
OUTILS NÉCESSAIRES


Marteau

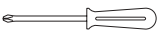

Scie-cloche


Clé à tuyau

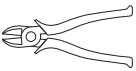

Clé réglable


Ruban à mesurer

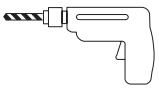
Tournevis à fente


Tournevis Phillips

Tournevis à pointe


Coupe-fil

Dégaine-fil

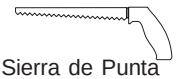

Perceuse

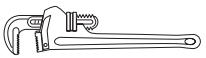
Niveau

Español

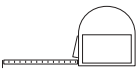
HERRAMIENTAS NECESARIAS

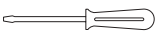
Martillo

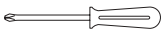

Sierra de Punta

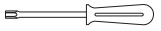

Llave para Tubería

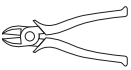
Llave Ajustable

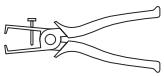

Cinta de Medir

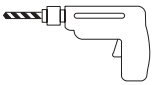

Destornillador de Ranura


Destornillador de Estrella


Destornillador tipo Torx


Alicates Pelacables


Cortaalambres


Taladro Eléctrico

Nivel

MATERIALS NEEDED

(Additional materials may be required to comply with local codes.)

Electrical Supply Cable - Minimum #14 AWG, 2 conductor, 1 ground, insulated copper conductors.

Hot Water Supply Line - Minimum 3/8" O.D. copper tubing or metal braided dishwasher supply line.

Shut-off valve and fittings appropriate for hot water supply line (copper tubing/compression fitting, or braided hose).

90° elbow with 3/8" N.P.T. male threads on one leg, and sized to fit your water supply line (copper tubing/compression fitting, or braided hose) on the other leg.

Teflon tape or other pipe thread compound to seal plumbing connections.

UL listed conduit connector or strain relief.

English

MATÉRIAUX NÉCESSAIRES

(D'autres matériaux peuvent être requis pour être conformes aux codes locaux.)

Câble d'alimentation électrique - Minimum n° 14 AWG, 2 conducteurs, 1 mise à la terre, conducteur en cuivre isolé.

Tuyau de canalisation en eau chaude - Tuyau en cuivre, minimum 3/8 po O.D. ou canalisation en métal bridé.

Soupape d'arrêt et raccords appropriés pour canalisation en eau chaude (tuyau en cuivre/raccord à compression ou tuyau bridé).

Coude 90° avec filets mâles 3/8 po N.P.T. sur un pied, dont la dimension s'ajuste à la canalisation en eau (tuyau en cuivre/raccord à compression ou tuyau bridé) sur l'autre pied.

Ruban Teflon ou produit pour filet de tuyau afin de sceller les connexions de plomberie.

Connecteur de conduit listé UL ou soupape de sécurité.

Français

MATERIALES NECESARIOS

(Podría necesitar otros materiales para cumplir con los códigos municipales)

Cable de Alimentación Eléctrica -- Mínimo no. 14 AWG, 2 conductores, 1 de puesta a tierra, conductores de cobre aislados.

Tubo de Alimentación de Agua - Mínimo 3/8" diámetro exterior, tubo de cobre o manguera con alambre trenzado para alimentar lavadoras de platos.

Válvula de cierre y los accesorios adecuados para acoplarla a la alimentación de agua caliente (tubo de cobre con accesorios sujetadores de compresión o manguera con alambre trenzado).

Acoplador acodado de 90º con rosca exterior macho de 3/8" N.P.T. en una extremidad, y en la otra extremidad del tamaño adecuado para poder conectarlo a la alimentación de agua (tubo de cobre/accesorios sujetadores de compresión o manguera con alambre trenzado).

Cinta de teflón u otro sello de acoplamiento roscado para las conexiones de

Conector de Conducto o Alivio de Presión aprobados por UL [*Underwriters Laboratory*]

Español

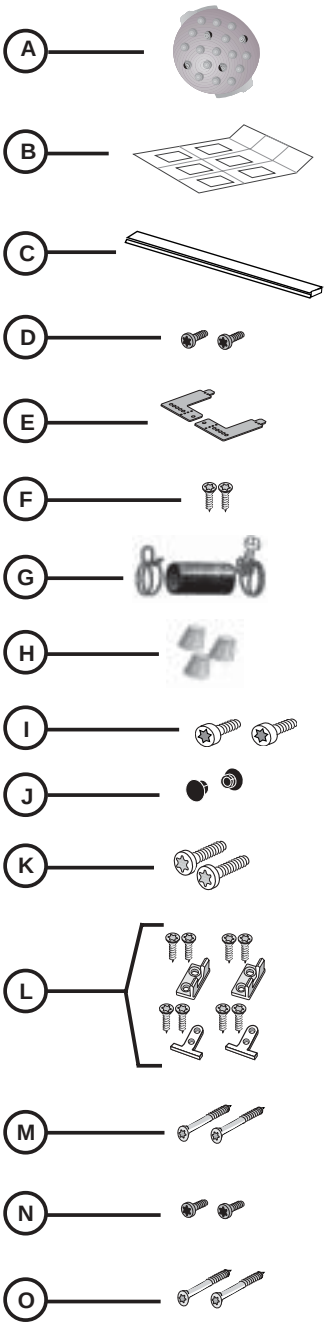


Figure 1/Illus. 1

MATERIALS SUPPLIED

Accessory Parts Supplied

Accessory Parts for your dishwasher will come in one or more plastic bags. Check to make sure that the parts shown in Figure 1 are included with your model (NOTE: Illustrations are not to scale). If any parts are missing, contact your dealer immediately.

Manual Set Bag

All Bosch dishwashers come with a Manual Set Bag containing:

- Use & Care Manual
- Installation Instructions
- Quick Reference Guide
- Extra Tall Item Sprinkler (Figure 1, letter A)

SHI and SHV models also have SHI/SHV Panel Installation Template Sheet (Figure 1, letter B).

SHY66 and SHX56 models also have a Cotton Insulation Strip (Figure 1, letter C).

Dishwasher Installation Kit (Clear Bag)

All Bosch dishwashers come with a Dishwasher Installation Kit containing:

D. Toe Panel Screws (2)
E. Mounting Brackets (2)
F. Mounting Bracket Screws (2)
G. Rubber Connection Hose (1) and Drain Hose Clamps (2)
H. Wire Nuts (3)
I. Junction Box Screws (2)

SHI and SHV Models

In addition to a Manual Set Bag and an Installation Kit Bag, SHI and SHV models also come with a Door Panel Installation Kit (Blue bag) containing:

J. Caps (2)
K. Spring Tension Screw (2)
L. Door Mounting Brackets (2 plastic) w/Screws (4);
Mounting Door Brackets (2 metal) w/Screws (4)
M. Wood Screws (2)

SHY66 & SHX56 Models

In addition to a Manual Set Bag and an Installation Kit Bag, SHY66 and SHX56 models also come with a Toe Panel Installation Kit (Green Bag) containing:

N. Toe Panel Screws (2)
O. Base Part Screws (2)

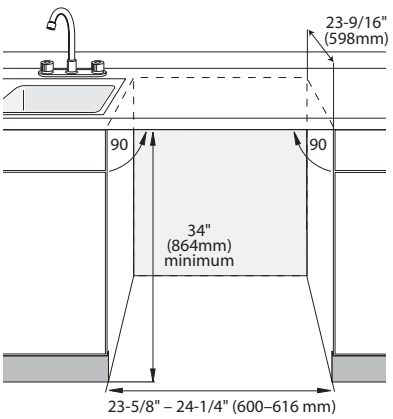


Figure 2/Ilus. 2

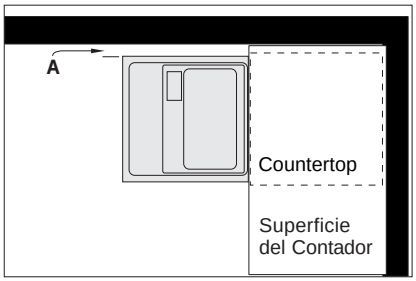


Figure 3/Ilus. 3

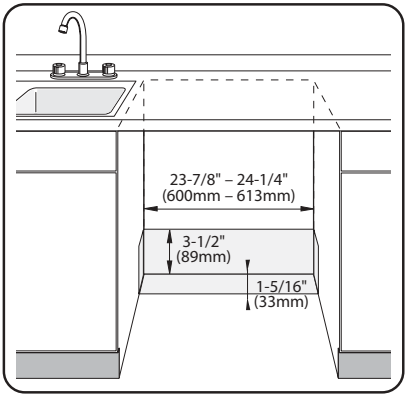


Figure 4/Ilus. 4

ENCLOSURE PREPARATION

⚠ WARNING: INJURY HAZARD - Serious injury could result if cabinet work is performed by unqualified persons. Only qualified carpenters or cabinetmakers should perform cabinet work.

NOTE: Bosch dishwashers are designed to be enclosed on the top and both sides by standard residential kitchen cabinetry.

Select a location as close to the sink as possible for easy access to water supply and drain lines.

For proper dishwasher operation and appearance, ensure that the enclosure is square and has the dimensions shown in Figure 2.

If the dishwasher is to be installed in a corner, make sure that there is adequate clearance to open the door, as shown in Figure 3, letter A.

⚠ WARNING: ELECTICAL SHOCK/ FIRE HAZARD - Heat from the hot water supply line can cause electrical cable's insulation to break down, presenting risk of electrical shock or fire. Do not run the electrical supply cable and the hot water supply line through the same enclosure opening.

If the enclosure requires openings for the electrical supply cable, hot water supply line, and dishwasher drain hose, place them within the dimensions shown by the shaded area of Figure 4 to avoid interference with the dishwasher frame or other components. Make the openings for the electrical supply cable and hot water supply line 1" (25.4mm) diameter. Make the opening for the dishwasher drain hose 1-1/4" (32mm) diameter. If the openings are made through wood, sand them smooth. If the openings are made through metal, make them large enough to accomodate grommets or other protective sheaths with inside diameters of 1" (25.4mm) for the electrical supply cable and the hot water supply line, and 1-1/4" (32mm) for the dishwasher drain hose.

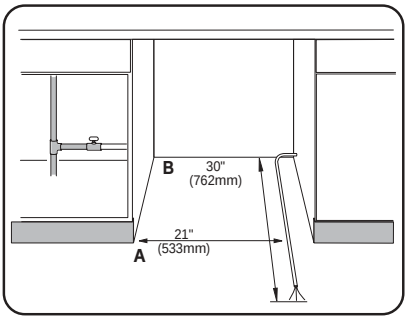


Figure 5/Illus. 5

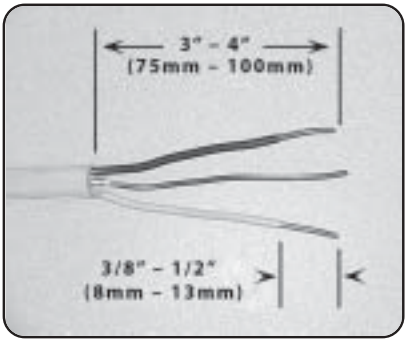


Figure 6/Illus. 6

ELECTRICAL PREPARATION

⚠ WARNING: ELECTRICAL SHOCK HAZARD - Working on an energized circuit could result in serious injury or death. Only qualified electricians should perform electrical work. Do not attempt any work on the dishwasher electric supply circuit until you are certain the circuit is de-energized.

⚠ WARNING: FIRE HAZARD - Improper electrical work can cause fire. Only qualified electricians should perform electrical work.

Electrical Supply

The customer has the responsibility of ensuring that the dishwasher electrical installation is in compliance with all national and local electrical codes and ordinances. The dishwasher is designed for an electrical supply of 120V, 60 Hz, AC, connected to a dishwasher-dedicated, properly grounded electrical circuit with a fuse or breaker rated for 15 amps. If the dishwasher is connected with a food disposer, a 20 amp (and no higher) fuse or circuit breaker may be used. Electrical supply conductors shall be a minimum #14 AWG copper wire.

Regardless of where the electrical supply cable enters the enclosure (following the guidelines on page 8), position the cable 21" (533mm) from the enclosure's left side, as shown in Figure 5, letter A. Extend the cable 30" (762mm) from the enclosure's back, as shown in Figure 5, letter B.

Remove 3" - 4" (75mm - 100mm) of the cable's outer casing, as shown in Figure 6, letter C, then remove 3/8" - 1/2" (9 - 13mm) of insulation from each conductor, as shown in Figure 6, letter D.

Dishwasher Electrical Rating

Volts	Hertz	Amperes	Watts
120	60	15	1,450 (max)

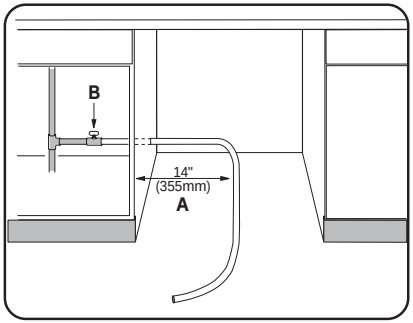


Figure 7/Illus. 7

PLUMBING PREPARATION

⚠ WARNING: SCALD HAZARD - Serious injury could result if work is performed on a charged hot water line. Only qualified plumbers should perform plumbing work. Do not attempt any work on the dishwasher hot water supply plumbing until you are certain the hot water supply is shut off.

CAUTION: Temperatures required for soldering and sweating will damage the dishwasher's base and water inlet valve. If plumbing lines are to be soldered or sweated, keep the heat source at least 6 inches (152.4 mm) away from the dishwasher's base and water inlet valve.

Hot Water Supply
Bosh recommends that the hot water heater be set to deliver approximately 120° F (49° C) water to the dishwasher. Water that is too hot can cause some detergents to loose effectiveness. Lower water temperatures will increase run times.
The hot water supply pressure must be between 5 - 120 psi (0.3 - 8.27 bars).

Hot Water Supply Plumbing
NOTE: Regardless of where the hot water supply line enters the enclosure (following the guidelines on page 8), position the line 14" (355mm) from the enclosure's left side, as shown in Figure 7, letter A.
NOTE: Decide whether braided hose or copper tubing will be used for the hot water supply plumbing, and purchase the correct type of hot water supply shut-off valve, 90° elbow, and necessary fittings for the hot water supply plumbing.
Install an easily accessible shut-off valve (not supplied) in the hot water supply line, as shown in Figure 7, letter B.
All solder connections must be made before the water line is connected to the dishwasher's water inlet valve. Water may also be supplied to the dishwasher by using a braided hose line. Check with your local plumbing supply sources for the proper hose and 90° elbow fitting.

(Continued on next page)

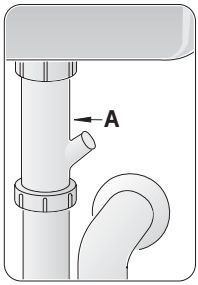


Figure 8
Ilus. 8

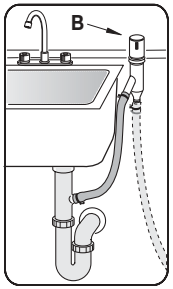


Figure 9
Ilus. 9

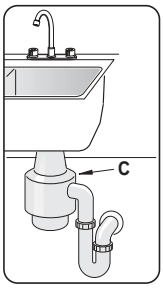


Figure 10/Ilus. 10

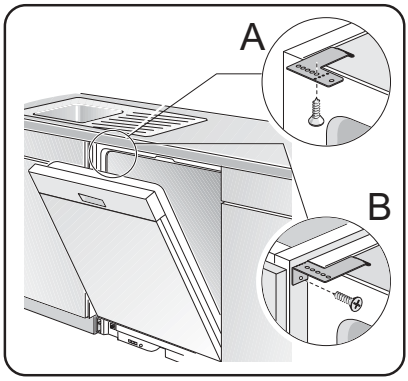


Figure 11/Ilus. 11

PLUMBING PREPARATION (continued)

Drain Plumbing

Dishwasher Connection Piece

If the dishwasher is to drain either directly into the household drain plumbing or through an air gap, install a dishwasher connection piece under the sink, as shown in Figure 8, letter A.

Installing an Air Gap

If local ordinances require an air gap, as shown in Figure 9, letter B, install it according to the manufacturer's instructions.

Disposer

If a disposer is to be installed, as shown in Figure 10, letter C, install it according to the manufacturer's instructions. Whether the disposer is newly installed or existing, remove the disposer's dishwasher drain connection plug.

DISHWASHER PREPARATION

Dishwasher preparation involves four tasks:

- Installing the Mounting Brackets
- Removing the Toe Panel
- Installing the 90° elbow fitting
- Junction Box Preparation

Installing the Mounting Brackets

CAUTION: Before installing the supplied mounting brackets (letter E in the Materials Supplied section of this manual), decide which method of securing the dishwasher into its enclosure will be used. Once the mounting brackets are installed on the dishwasher, removing them is difficult and will damage the mounting brackets and the dishwasher.

The dishwasher can be secured into its enclosure in two ways:

1) **Top Mount** is used for countertops made of wood or other materials that can easily drilled. Orient the mounting brackets as shown in Figure 11, letter A, and position the two small tabs on the mounting brackets over the two slots on the dishwasher's front corners. Push the mounting brackets down firmly to insert the tabs into the slots.

2) **Side Mount** is used for countertops made of marble, granite, or other very hard materials that cannot be easily drilled. Bend the mounting brackets along the small holes and in the same direction as the two small tabs. Orient the mounting brackets as shown in Figure 11, letter B, and position the two small tabs on the mounting brackets over the two slots on the dishwasher's front corners. Push the mounting brackets down firmly to insert the tabs into the slots.

(Continued on next page)

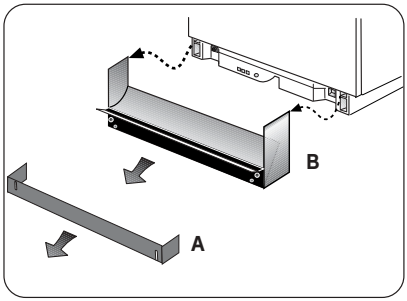


Figure 12/Illus. 12

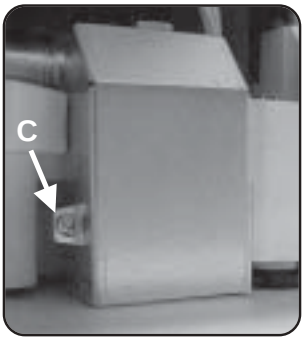


Figure 13/Illus. 13

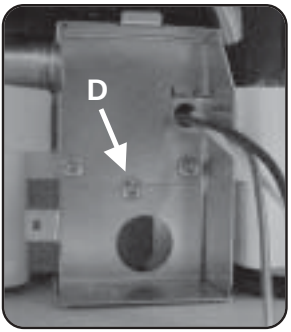


Figure 14/Illus. 14

DISHWASHER PREPARATION (continued)

Removing the Toe Panel
Regular Toe Panel
The toe panel is loosely attached with tape. Remove the tape and pull the toe panel away from the dishwasher. Set the toe panel aside. It will be reinstalled later.
SHY66 and SHX56 Base and Toe Panel
The base and toe panel are in place on the dishwasher, but are not attached. Remove the toe panel first, as shown in Figure 12, letter A, then remove the base, as shown in Figure 12, letter B

Installing the 90° Elbow Fitting
NOTE: The 90° elbow fitting is not supplied with the dishwasher, and must be purchased separately. If the dishwasher's hot water supply line is to be copper tubing, make certain the elbow has a compression fitting.
Apply Teflon tape or other pipe sealant to all threaded connectors.
Orient the hot water supply connection leg of the elbow toward the channel opening in the dishwasher base.

Junction Box Preparation
1) Remove the junction box cover by removing the screw on the left side of the junction box, as shown in Figure 13, letter C, and lifting the junction box cover up and off.
2) Remove the strain relief plate by removing the screw at the back of the junction box, as shown in Figure 14, letter D and sliding the strain relief plate out.
3) Set the junction box cover, strain relief plate, and screws aside. They will be re-installed later.

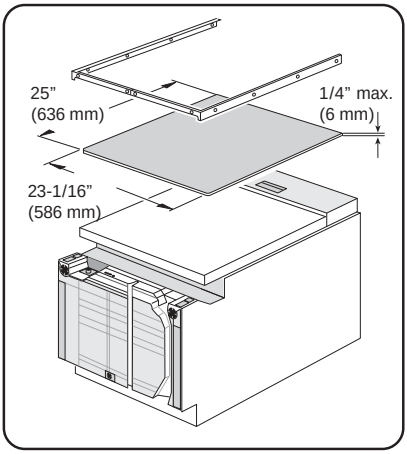


Figure 15/Illus. 15

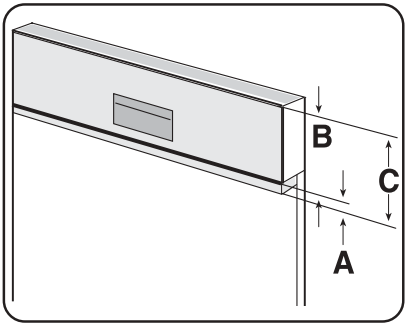


Figure 16/Illus. 16

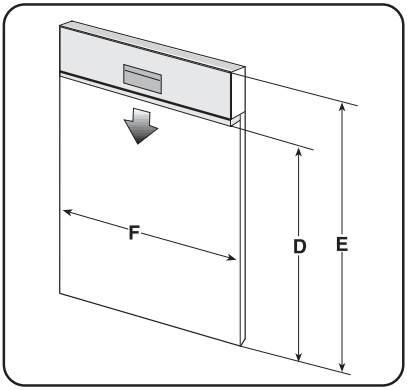


Figure 17/Illus. 17

DOOR PANEL INSTALLATION

SHU Models - Accessory Panel Installation

If you have an SHU model and have ordered an accessory panel kit, install the panel prior to sliding the dishwasher into place. The panel dimensions are shown in Figure 15.

SHI Models - Panel Installation

SHI models come with additional mounting hardware and a template sheet with installation instructions. The stainless steel models of the SHI series also come with two extension pieces. The extension pieces are used to match the control panel height (Figure 16, "B" dimension) to the horizontal drawer line of the cabinets, and must be installed as shown in on the template sheet. The standard piece is used for drawer heights up to 6" (152mm); the long piece is used for drawer heights greater than 6" (152mm) but 6-7/16" (164mm) or less. If your drawers are taller than 6-7/16", you can either slide the extension piece in as far as it will go, or remove it and fit the door panel directly below the control panel.

SHI/SHV Models - Panel Installation

SHV models come with additional mounting hardware and a template sheet that will show you how to mount the panel. One side of the template shows how to mount a one piece panel; the other side shows how to mount a two piece panel. Decide which type of installation you want before proceeding with the installation.

Fig. 17 Dimension	Panel Dimension
D (SHI)	20 11/16" - 25" (526mm - 635mm)
E (SHI & SHV)	27 3/16" - 30 5/16" (690mm - 770mm)
F (SHI & SHV)	23 3/16" - 23 3/8" (589mm - 594mm)

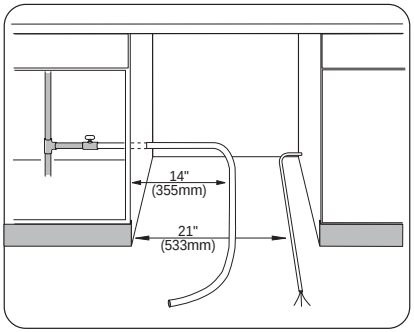


Figure 18/Illus. 18

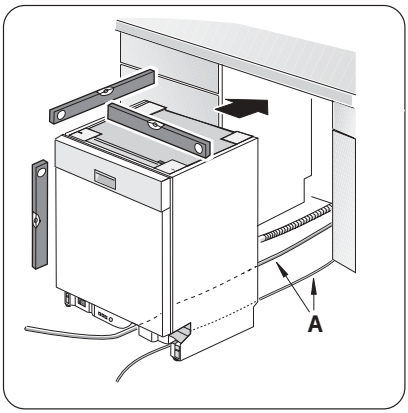


Figure 19/Illus. 19

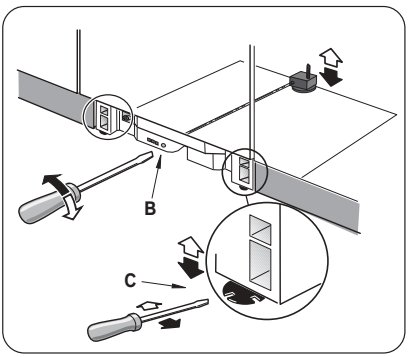


Figure 20/Illus. 20

PLACING THE DISHWASHER

1) Straighten and position the hot water supply line and the electrical supply cable as shown in Figure 18 so that they will align with their channels under the dishwasher base.
2) Position the dishwasher close enough to the enclosure so that you can run the dishwasher drain hose to the under sink drain connection. Make certain that the hot water supply line and the electrical supply cable are in their channels under the dishwasher base, as shown in Figure 19, letter A.
3) Place the dishwasher directly in front of the enclosure.
4) Perform a level check as shown in Figure 19. Adjust the rear leveler by turning the center screw at the front of the dishwasher, as shown in Figure 20, letter B. Turning the screw clockwise raises the rear of the dishwasher. Adjust the front levelers by turning them with a screwdriver, as shown in Figure 20, letter C. Turning the levelers to the right raises the dishwasher. If additional height is needed, shims may be added under the leveler feet.
5) Push the dishwasher into the enclosure.

SECURING THE DISHWASHER

Drive the mounting screws through the holes in the mounting brackets, as shown in Figure 20, letter A for Top Mount, or as shown in Figure 21, letter B for Side mount.

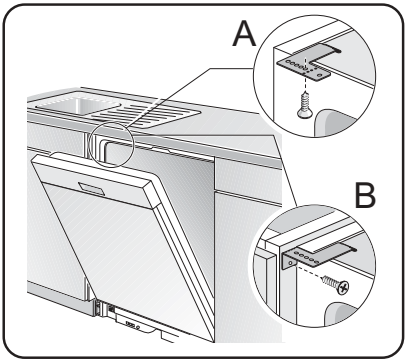


Figure 21/Illus. 21

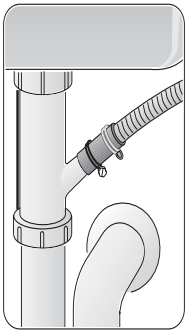


Figure 22
Ilus. 22

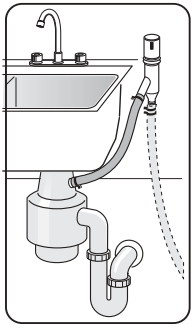


Figure 23
Ilus. 23

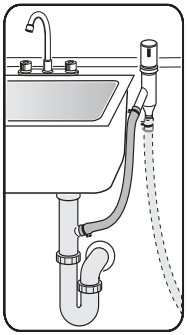


Figure 24
Ilus. 24

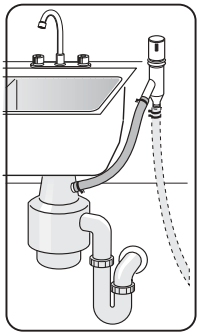


Figure 25
Ilus. 25

DRAIN HOSE CONNECTION

The dishwasher drain hose may be connected to the drain plumbing in one of four ways:
1) Directly to the undersink dishwasher drain connection, as shown in Figure 22.
2) Directly to a disposer dishwasher drain connection, as shown in Figure 23.
3) To the undersink dishwasher drain connection through an air gap, as shown in Figure 24.
4) To a disposer dishwasher drain connection through an air gap, as shown on Figure 25.

Information on installing air gaps and disposers can be found in the Plumbing Preparation section of this manual.

NOTE: If the dishwasher drain hose is to be connected to a disposer dishwasher drain connection, remove the plug from the disposer's dishwasher drain connection.
Use the supplied Rubber Connection Hose and Drain Hose Clamps (letter G in the Materials Supplied section of this manual) to connect the dishwasher drain hose to the plumbing drain connection. Use the spring clamp to secure the Rubber Connection Hose to the dishwasher drain hose. Use the screw clamp to secure the Rubber Connection Hose to the plumbing drain connection.
If the dishwasher drain hose is connected directly to either an undersink dishwasher drain connection, as shown in Figure 22, or to a disposer dishwasher drain connection, as shown in Figure 23, form a curve in the dishwasher drain hose and secure a portion of the curve at least 20" (508mm) above the cabinet floor.

HOT WATER CONNECTION

⚠ WARNING: SCALD HAZARD - Working on a charged hot water line could result in serious injury or death. Do not attempt any work on the dishwasher hot water supply plumbing until you are certain the hot water supply is shut off.

NOTE: Make certain that the correct 90° elbow fitting (not supplied) for the hot water supply line has been purchased and installed on the dishwasher as described in the Dishwasher Preparation section of this manual.
The hot water supply line may be connected to the dishwasher in one of two ways:
1) With braided hose
2) With copper tubing

Braided Hose
Ensure that all threaded connections are sealed with teflon tape or pipe thread compound.

Copper Tubing
CAUTION: Temperatures required for soldering and sweating will damage the dishwasher's water inlet valve. If plumbing lines are to be soldered or sweated, keep the heat source at least 6 inches (152.4 mm) away from the dishwasher's water inlet valve.

- If using a solder joint instead of a compression fitting, be sure to make all solder connections before connecting the water line to the dishwasher.
- Make certain there are no sharp bends or kinks in the water line that might restrict water flow.
- When connecting threaded pipe use pipe thread compound or Teflon tape to seal the connection.
- Before connecting the copper hot water supply line to the dishwasher, flush it with hot water to clear any foreign material.
- Turn on the water supply to check for leaks after making connections.

ELECTRICAL CONNECTION

⚠ WARNING: ELECTRICAL SHOCK HAZARD - Working on an energized circuit could result in serious injury or death. Only qualified electricians should perform electrical work. Do not attempt any work on the dishwasher electric supply circuit until you are certain the circuit is de-energized.

⚠ WARNING: FIRE HAZARD - Improper electrical work can cause fire. Only qualified electricians should perform electrical work.

Grounding Instructions
The dishwasher must be properly grounded before operating. This appliance must be connected to a grounded metal permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the dishwasher. Make sure that the dishwasher is connected to a suitable ground in compliance with all local codes or, in the absence of a local code, with the NATIONAL ELECTRICAL CODE in the United States or the CANADIAN ELECTRIC CODE C22.1-latest edition in Canada as well as any provincial/state or municipal or local codes that apply.

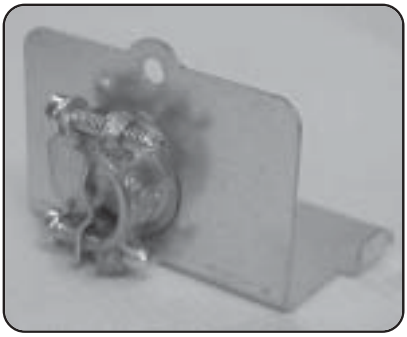


Figure 26/Ilus. 26

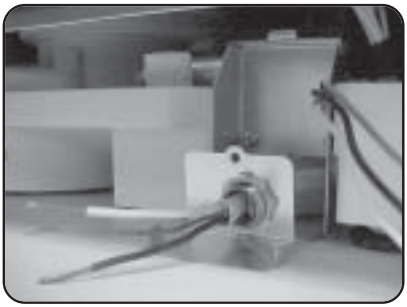


Figure 27/Ilus. 27

1) Retrieve the strain relief plate, and install a strain relief (not supplied) into the opening on the strain relief plate. NOTE: Orient the strain relief as shown in Figure 26.
2) Pass the electrical supply cable through the strain relief, as shown in Figure 27. Leave 3 - 4 inches of insulated wire extending through the strain relief plate.
3) Tighten the strain relief screws.
4) Slide the strain relief plate into the junction box, and secure it to the junction box with the supplied screw.

(Continued on next page)

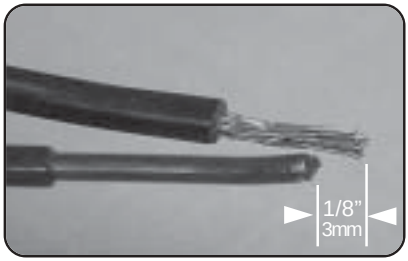


Figure 28/Ilus. 28

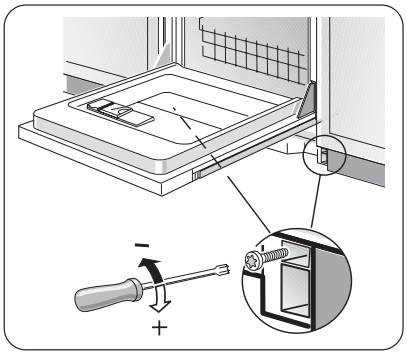


Figure 29/Ilus. 29

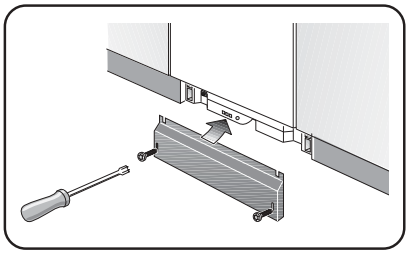


Figure 30/Ilus. 30

ELECTRICAL CONNECTION (continued)

⚠WARNING: FIRE HAZARD - LOOSE OR IMPROPER ELECTRICAL CONNECTIONS CAN CAUSE FIRE. MAKE CERTAIN THAT ALL ELECTRICAL CONNECTIONS ARE PROPERLY MADE.

• Do not pre-twist the wires before connecting them with wire nuts.
• Extend the dishwasher's stranded wires 1/8" (3mm) beyond the power supply cable's solid wires, as shown in Figure 28.
5) Using the supplied wire nuts, connect the electrical supply wires to the dishwasher's wires, black to black, white to white, and green or bare to green or bare. Make certain that the insulated wires show no bare wire from the bottoms of the wire nuts. Gently tug the wires to make certain they are securely connected.
6) Press the wires into the junction box. Make certain that the wire nuts do not loosen.
7) Place the cover on the juction box and secure it to the junction box with the supplied screw.

DOOR TENSION ADJUSTMENT (only on SHI and SHV models)

After the dishwasher is installed, open and close the door several times to make sure that it does so with ease. If the door closes too quickly or if the door falls open, the spring tension needs to be adjusted.
To Adjust the Spring Tension:
1) Obtain the provided Door Tension Screws (Figure 1, letter K) from the SHI/SHV parts bag.
2) Insert the screws as shown in Figure 29. Turning the screw clockwise increases the spring tension. Turning the screws counter-clockwise decreases the spring tension.

BASE AND TOE PANEL

Regular Toe Panel Installation

Use the toe panel screws (Figure 1, letter D) from the Dishwasher Installation Kit and a Torx screwdriver to install the toe panel as shown in Figure 30.
(Continued on next page)

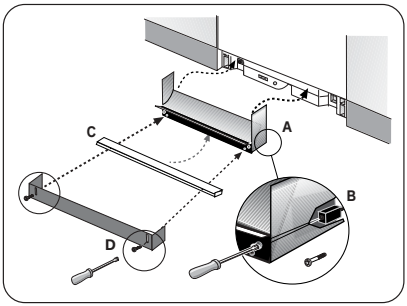


Figure 31/Illus. 31

BASE AND TOE PANEL (Continued)

SHY66 & SHX56 Models Base and Toe Panel Installation

1) Place the Base Part under and up the front bottom panel of the dishwasher, as shown in Figure 31.
2) Insert the Base Part screws (Figure 1, letter O) into the Base Part, as shown in Figure 31, letter B. Tighten the Base Part Screws.
3) Place the Cotton Insulation Strip (Figure 1, letter C) under the unit, between the bottom of the Base Part and the floor, as shown in Figure 31, letter C.
4) Place the toe panel over the Cotton Insulation Strip, and use the toe panel screws (Figure 1, letter N) to secure the toe panel in place, as shown in Figure 31, letter D.

FINAL INSTRUCTIONS

1) Energize the dishwasher power supply circuit.
2) Consult the Bosch Dishwasher Use and Care Manual, and run the dishwasher through one complete cycle.
If the dishwasher does not operate properly, refer to the Self-Help section of the Use and Care Manual. If the dishwasher still does not operate properly, refer to the Customer Service Section of the Use and Care Manual.

CUSTOMER SERVICE

Your Bosch dishwasher requires no special care other than that described in the Care and Cleaning section of the Use and Care Manual. If you are having a problem with your dishwasher, before calling for service please refer to the Self-Help section of the Use and Care Manual. If service is necessary, contact your dealer or installer or an authorized service center. Do not attempt to repair the appliance yourself. Any work performed by unauthorized personnel may void the warranty.

If you are having a problem with your Bosch dishwasher and are not pleased with the service
you have received, please take the following steps (in the order listed below) until the problem
is corrected to your satisfaction.

1. Contact your installer or the Bosch Authorized Service Contractor in your area.
2. E-mail us from the customer service section of our website, www.boschappliance.com.
3. Write us at the address below:
BSH Home Appliances, Corp.
5551 McFadden Avenue
Huntington Beach, CA 92649
4. Call us at 1-800-944-2904.

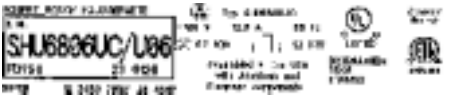
English

CUSTOMER SERVICE

Please be sure to include (if you are writing), or have available (if you are calling), the following information:

- Model number
- Serial number
- Date of original purchase
- Date the problem originated
- Explanation of the problem

Also, if you are writing, please include a daytime phone number where you can be reached. You will find the model and serial number information on the label located on the right-hand side of the inner door of your dishwasher, see Figure 1. It will look similiar to this:



Please make a copy of your invoice and keep it with this manual.

Français

SERVICE À LA CLIENTÈLE

S'assurer d'inclure (si l'on écrit), ou d'avoir à la portée (si l'on téléphone), l'information suivante :

- Numéro de modèle
- Numéro de série
- Date d'achat d'origine
- Date du début du problème
- Explication du problème

De plus, si l'on écrit, inclure un numéro de téléphone pendant le jour où l'on peut être rejoint. Les numéros de modèle et de série sont situés sur la plaque signalétique placée du côté droit de l'intérieur de la porte du lave-vaisselle. Voir figure 1. Cela ressemble à ceci :

Faire une photocopie de la facture et la conserver avec ce guide.

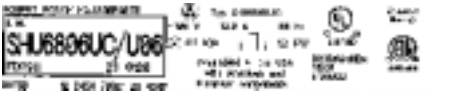
Español

SERVICIO AL CLIENTE

Por favor incluya (en caso de que nos escriba) o tenga a la mano (en caso de que nos llame) los datos siguientes:

- Número del Modelo [*Model number*]
- Número de Serie [*Serial number*]
- Fecha de la compra del aparato
- Fecha cuando empezó el problema
- Descripción del problema

Además, si nos escribe, por favor presente su número telefónico de día donde le podemos llamar. Usted averiguará la información de los números del modelo y de serie en la placa etiqueta que se encuentra en la orilla derecha en el interior de la puerta de su lavadora. Véase la Ilustración 1. Se ve algo como esto:



Por favor saque una copia de su factura y guárdela con este manual.